RESOUNDIFY

RC-700

Digital Array Microphone, Built-in 7 microphone arrays, with 360° pickup range, 8-meter distance voice pickup, USB2.0 and 3.5 mm audio interface, USB DC5V

PRODUCT OVERVIEW

The **Resoundify RC-700** is a high-performance digital array microphone designed for professional conferencing, presentations, and collaboration environments. Equipped with seven high-sensitivity microphone elements arranged in a precise array, it delivers 360° omnidirectional voice pickup with an impressive range of up to 8 meters, ensuring every participant is heard clearly.

Featuring USB 2.0 and 3.5 mm audio interfaces, the RC-700 offers versatile connectivity for seamless integration with conferencing systems, computers, and audio equipment. Powered by USB DC 5V, it provides easy plug-and-play operation without the need for complex setup, making it ideal for meeting rooms, classrooms, and training facilities.

KEY FEATURES

- **360° Omnidirectional Pickup :** Built-in 7-microphone circular array for full-room voice capture.
- **Long-Range Voice Pickup :** Clear audio pickup up to 8 meters.
- **Wide Frequency Response :** 20 Hz – 16 kHz for natural, full-spectrum audio.
- **High-Definition Audio :** 32 kHz sampling rate for HD broadband sound.
- **Advanced Audio Processing :** Supports AEC, ANS, AGC, and reverberation suppression for enhanced clarity.
- **USB UAC Protocol Support:** Plug-and-play connection with computers and conferencing systems.
- **Versatile Connectivity :** Includes 1 x 3.5 mm line-in and 2 x 3.5 mm line-out for external audio integration.
- **Compact & Lightweight Design :** Φ130 mm x H33 mm, only 0.9 kg for easy placement and portability.
- **USB Powered :** Operates via 5V USB for simple, cable-free installation.
- **Modern Aesthetic Design :** Sleek, professional look that complements any meeting room interior.
- **Low Latency Transmission** : Maintains perfect sync for video conferencing and live meetings.
- **Lightweight & Portable** : Weighs only 0.9 kg, making it easy to move between rooms.
- **Ideal for Modern Conferencing** : Perfect for corporate boardrooms, classrooms, online meetings, and collaborative workspaces.

APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

RESOUNDIFY

TECHNICAL SPECIFICATIONS

System Specifications

Model	RC-700
Product Name	Digital Array Microphone
Supported Systems	Windows, Mac, Linux (via USB UAC protocol)
Application	Conference rooms, classrooms, training rooms, meeting spaces

Technical Specifications

Microphone Type	Digital Array Microphone
Microphone Array	7 omnidirectional microphones arranged in a circular array
Pickup Distance	Up to 8 meters
Sensitivity	-26 dBFS
Signal-to-Noise Ratio (SNR)	Greater than 80 dB(A)
Frequency Response	20 Hz - 16 kHz
Sampling Rate	32 kHz, high-definition broadband audio
USB Protocol	UAC support (USB Audio Class)
Automatic Echo Cancellation (AEC)	Supported
Automatic Noise Suppression (ANS)	Supported
Automatic Gain Control (AGC)	Supported
Reverberation Suppression	Supported
Audio Input	1 × 3.5 mm line-in
Audio Output	2 × 3.5 mm line-out
USB Interface	1 × USB audio interface (Type-C or Type-A depending on model)
Power Input	USB 5V

Mechanical Specifications

Dimensions	Diameter 130 mm × Height 33 mm
Net Weight	0.9 kg
Form Factor	Compact, low-profile circular design suitable for desktop or table placement
Color & Finish	Typically matte or professional finish

www.resoundify.com